

ABSTRACT OF THE DISCLOSURE

A vibratory motor having an elongated housing having opposite ends, an electric motor positioned within the housing between the opposite ends, bearings in the opposite ends, a motor shaft extending into the opposite ends and supported by the bearings, eccentric weight chambers in the opposite ends proximate the bearings and between the bearings and the electric motor, explosion and leak-proof seal assemblies located proximate the eccentric weight chambers and between the eccentric weight chambers and the electric motor, each of the seal assemblies including an oil seal facing an adjacent eccentric weight chamber, and a flame path between the oil seal and the electric motor.